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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/764,308	01/19/2001	Takanori Terada	1046.1232/JDH	6758

21171 7590 12/15/2005

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EXAMINER

DELGADO, MICHAEL A

ART UNIT PAPER NUMBER

2144

DATE MAILED: 12/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/764,308	TERADA, TAKANORI	
	<b>Examiner</b>	<b>Art Unit</b>	
	Michael S. A. Delgado	2144	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 01 September 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-11,13-20 and 22-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-2, 4-11, 13-20, and 22-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 January 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/01/2005 has been entered.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 1, 10 and 19 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2, 4-11, 13-20, and 22-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent No. 6,721,785 by Raghunandan in view of US Patent No. 6,574,671 by Haynes.

Art Unit: 2144

In claim 1, Raghunandan teaches about an E-mail device comprising (Fig 2):

a first detection module (program that link alias to recipient email addresses ) of detecting that a plurality of multicast target mail destination addresses exist in a stored mail delivery history (Col 1, line 65-Col 2, line 5) (Col 4, lines 48-55); (Alias are stored in advance to reduce the burden of entering individual email).

an adding module “inclusion directive” of adding the group name corresponding to the plurality of multicast target mail destination addresses of the destination attribute to group management information (Col 5, lines 45-60); and

a generating module (the function of defining the recipient of the email message) of executing a process of generating a group formed of the plurality of multicast target mail destination addresses “ alias41.... Alias4n”, corresponding to the detection (Col 5, lines 60-67) (Col 6, lines 10-20 (Col 2, lines 1-5); (Alias or grouping is done to associate a plurality of email addresses that have the same characteristic or attribute). But does not explicitly teach about the group generating process being done using all destination attributes. Haynes teaches about a simpler generation process that generates a group base on all the destination attributes ( “To” “BCC” and “CC”) (Col 5, lines 30-60). The approach of Raghunandan generates a group base on n number of groups alias, and with n being a large number, a large amount of overhead processing power is required to generate a group (Col 6, lines 5-35). The group is created prior to the mail being delivered. The less granular approach of Haynes requires less processing which reduces the time taken before mail delivery.

Art Unit: 2144

It would have been obvious at the time of the invention for some of ordinary skill to improve on the time taken to delivery a mail in Raghunandan invention by using the less granular approach of Haynes invention.

In claim 2, Raghunandan combined with Haynes, teaches about an E-mail device according to claim 1, further comprising a second detection module of detecting that there does not exist the group corresponding to the mail destination addresses existing in the history (Raghunandan Col 5, lines 35-60) (detection module- i.e. the function that determine that a selection command is active, which indicates that a intended group is not available and therefore has to be created base on the accompanying directives).

wherein said generating module executes the process of generating the group if there does not exist the group corresponding to the mail destination addresses (Raghunandan Col 5, lines 45-60).

In claim 4, Raghunandan combined with Haynes, teaches about an E-mail device according to claim 1, wherein said adding module includes a providing module of providing an occasion of registering the group name corresponding to the mail destination addresses (Raghunandan Col 4, lines 48-55). (This is function that is used when creating alias).

In claim 5, Raghunandan combined with Haynes, teaches about an E-mail device according to claim 4, wherein said adding module further includes a first registering module of registering the group name inputted by a user in the group management information on the occasion of registering the group name “alias” (Raghunandan Col 1, line 65- Col 2, line 5).

In claim 6, Raghunandan combined with Haynes, teaches about an E-mail device according to claim 5, wherein said adding module further includes a second registering module of registering a piece of registration reject state information in the group management information when the user rejects the registration of the group name on the occasion of registering the group name (Raghunandan Col 3, lines 30-40). (the exclusion directive that remove names from the final list)

In claim 7, Raghunandan combined with Haynes, teaches about an E-mail device according to claim 4, further comprising a setting module of setting an input count of the mail destination addresses in the history in order to provide the occasion of registering the group name (Raghunandan Col 6, lines 10-20).

In claim 8, Raghunandan combined with Haynes, teaches about an E-mail device according to claim 1, wherein said adding module generates the group name by a predetermined algorithm “rules” and adds this group name to the group management information (Raghunandan Col 5, lines 45-60).

Art Unit: 2144

In claim 9, Raghunandan combined with Haynes, teaches about an E-mail device according to claim 1, further comprising a selecting module “selection command” of enabling the user to select whether the process of generating the group is to be executed or not (Raghunandan Col 5, lines 45-60).

In claim 10, Raghunandan combined with Haynes, teaches about a method of generating a group of mail addresses, comprising (Raghunandan Fig 2):

detecting that a plurality of multicast target mail destination addresses exist in a stored mail delivery history (Raghunandan Col 1, line 65-Col 2, line 5) (Raghunandan Col 4, lines 48-55); (Alias are stored in advance to reduce the burden of entering individual email).

executing a process of generating a group formed of the plurality of multicast target mail destination addresses of all destination attributes “alias<sub>1</sub>.... Alias<sub>n</sub>”, corresponding to the detection (Raghunandan Col 5, lines 60-67) (Raghunandan Col 6, lines 10-20 (Raghunandan Col 2, lines 1-5) (Covered in claim 1); and (Alias or grouping is done to associate a plurality of email addresses that have the same characteristic or attribute).

adding the group name corresponding to the plurality of multicast target mail destination addresses of the destination attribute to group management information (Raghunandan Col 5, lines 45-60).

In claim 11, Raghunandan combined with Haynes, teaches about an method of generating a group of mail addresses according to claim 10, further comprising:

Art Unit: 2144

detecting that there does not exist the group corresponding to the mail destination addresses existing in the history (Raghunandan Col 5, lines 35-60); (detection module- i.e. the function that determine that a selection command is active, which indicates that a intended group is not available and therefore has to be created base on the accompanying directives) and executes the process of generating the group if there does not exist the group corresponding to the mail destination addresses (Raghunandan Col 5, lines 45-60).

In claim 13, Raghunandan combined with Haynes, teaches about an method of generating a group of mail addresses according to claim 10, further comprising:

providing an occasion of registering the group name corresponding to the mail destination addresses (Raghunandan Col 4, lines 48-55). (This is function that is used when creating alias).

In claim 14, Raghunandan combined with Haynes, teaches about an method of generating a group of mail addresses according to claim 13, further comprising:

registering the group name inputted by a user in the group management information on the occasion of registering the group name (Raghunandan Col 1, line 65- Col 2, line 5).

In claim 15, Raghunandan combined with Haynes, teaches about an method of generating a group of mail addresses according to claim 14, further comprising:

registering a piece of registration reject state information in the group management information when the user rejects the registration of the group name on the occasion of



Art Unit: 2144

registering the group name (Raghunandan Col 3, lines 30-40).

In claim 16, Raghunandan combined with Haynes, teaches about an method of generating a group of mail addresses according to claim 13, further comprising:

setting an input count of the mail destination addresses in the history in order to provide the occasion of registering the group name (Raghunandan Col 6, lines 10-20).

In claim 17, Raghunandan combined with Haynes, teaches about an method of generating a group of mail addresses according to claim 10, further comprising:

generating the group name by a predetermined algorithm “rules” and adding this group name to the group management information (Raghunandan Col 5, lines 45-60).

In claim 18, Raghunandan combined with Haynes, teaches about an method of generating a group of mail addresses according to claim 10, further comprising:

enabling a user to select whether the process of generating the group is to be executed or not “selection command” (Raghunandan Col 5, lines 45-60).

In claim 19, Raghunandan combined with Haynes, teaches about an readable-by-computer medium recorded with a program, executed by a computer, comprising (Fig 2):

detecting that a plurality of multicast target mail destination addresses exist in a stored mail delivery history (Raghunandan Col 1, line 65-Col 2, line 5) (Raghunandan Col 4, lines 48-55); (Alias are stored in advance to reduce the burden of entering individual email).

executing a process of generating a group formed of the plurality of multicast target mail destination addresses of all destination attributes “ alias41.... Alias4n”, corresponding to the detection (Raghunandan Col 5, lines 60-67) (Raghunandan Col 6, lines 10-20 (Raghunandan Col 2, lines 1-5) (covered in claim 1); and (Alias or grouping is done to associate a plurality of email addresses that have the same characteristic or attribute).

adding the group name corresponding to the plurality of multicast target mail destination addresses of the destination attribute to group management information (Raghunandan Col 5, lines 45-60).

In claim 20, Raghunandan combined with Haynes, teaches about a readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further comprising:

a detecting that there does not exist the group corresponding to the mail destination addresses existing in the history (Raghunandan Col 5, lines 35-60) (detection module- i.e. the function that determine that a selection command is active, which indicates that a intended group is not available and therefore has to be created base on the accompanying directives).

executing the process of generating the group if there does not exist the group corresponding to the mail destination addresses (Raghunandan Col 5, lines 45-60).

In claim 22, Raghunandan combined with Haynes, teaches about a readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further

Art Unit: 2144

comprising registering the group name corresponding to the mail destination addresses (Raghunandan Col 4, lines 48-55). (This is function that is used when creating alias).

In claim 23, Raghunandan combined with Haynes, teaches about a readable-by-computer medium recorded with a program, executed by a computer according to claim 22, further comprising registering the group name inputted by a user in the group management information on the occasion of registering the group name (Raghunandan Col 1, line 65- Col 2, line 5).

In claim 24, Raghunandan combined with Haynes, teaches about a readable-by-computer medium recorded with a program, executed by a computer according to claim 23, further comprising registering a piece of registration reject state information in the group management information when the user rejects the registration of the group name on the occasion of registering the group name (Raghunandan Col 3, lines 30-40). (The exclusion directive that remove names from the final list)

In claim 25, Raghunandan combined with Haynes, teaches about a readable-by-computer medium recorded with a program, executed by a computer according to claim 22, further comprising a step of setting an input count of the mail destination addresses in the history in order to provide the occasion of registering the group name (Raghunandan Col 6, lines 10-20).

In claim 26, Raghunandan combined with Haynes, teaches about a readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further comprising a step of generating the group name by a predetermined algorithm "rules" and adding this group name to the group management information (Raghunandan Col 5, lines 45-60).

In claim 27, Raghunandan combined with Haynes, teaches about a readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further comprising enabling the user to select whether the process of generating the group is to be executed or not "selection command" (Raghunandan Col 5, lines 45-60).

### ***Conclusion***

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent 6,289,372 by Vyazniko teaches about a method for transmitting and processing group messages in the e-mail system.

US Patent 6,289,372 by Rothschild et al teaches about a server-group messaging system for interactive applications.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael S. A. Delgado whose telephone number is (571) 272-3926. The examiner can normally be reached on 7.30 AM - 5.30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923

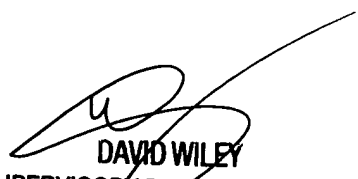
Art Unit: 2144

. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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